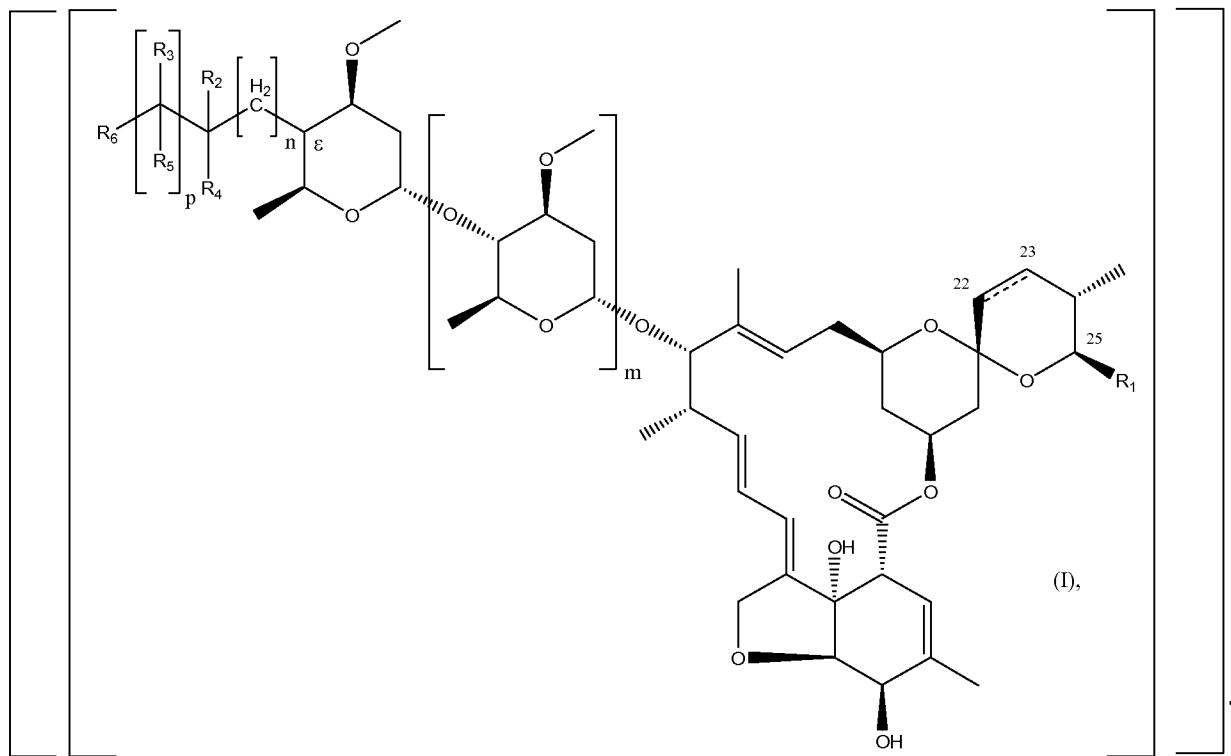


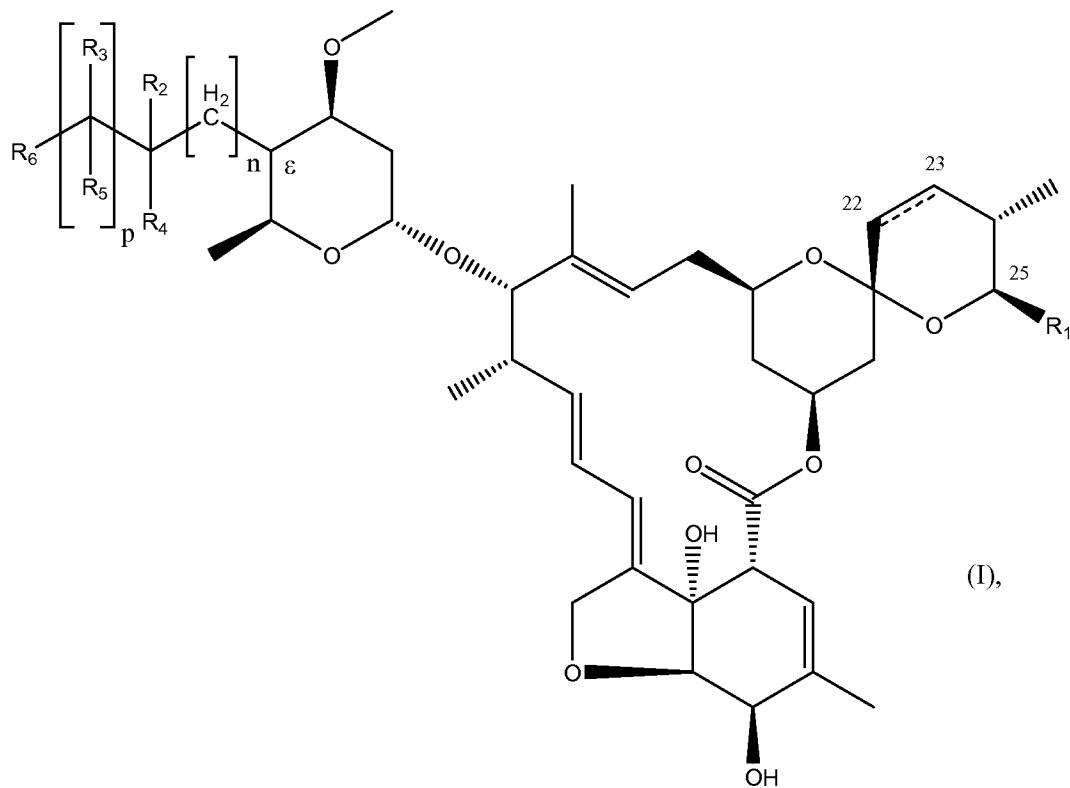
AMENDMENTS TO THE CLAIMS

Please amend the claims without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents, as follows.

In the Claims:

1. (Currently Amended) A compound of the formula





wherein the bond of atoms C₂₂ and C₂₃ is a single or double bond;

m is 0 or 1;

n is 0, 1 or 2;

p is 0 or 1;

R₁ is C₁-C₁₂-alkyl, C₃-C₈-cycloalkyl or C₂-C₁₂-alkenyl;

R₂ is H₁, C₁-C₁₂-alkyl, C₁-C₁₂-haloalkyl, C₁-C₁₂-hydroxyalkyl, OH, halogen, -N₃, SCN, NO₂, CN, C₃-C₈cycloalkyl unsubstituted or substituted by from one to three methyl groups, C₃-C₈halo-cycloalkyl, C₁-C₁₂alkoxy, C₁-C₆alkoxy-C₁-C₆alkyl, C₁-C₆alkoxy-C₁-C₆alkoxy, C₁-C₆alkoxy-C₁-C₆alkoxy-C₁-C₆alkyl, C₂-C₁₂alkenyl, C₂-C₁₂haloalkenyl, C₂-C₁₂haloalkenyloxy, C₂-C₁₂alkynyl, C₂-C₁₂haloalkynyl, C₃-C₁₂alkynyloxy, C₃-C₁₂haloalkynyloxy, -P(=O)(OC₁C₆alkyl)₂, -Si(C₁-C₆alkyl)₃, -(CH₂)-Si(C₁-C₆alkyl)₃, -Si(OC₁-C₆alkyl)₃, -N(R₉)₂, -(CH₂)-N(R₉)₂, wherein the two substituents R₉ are independent of each other, -C(=X)-R₇, -(CH₂)-C(=X)-R₇, -O-C(=X)-R₇, -(CH₂)-O-C(=X)-R₇, -S-C(=X)-R₇, -(CH₂)-S-C(=X)-R₇, -NR₉C(=X)R₇, -(CH₂)-NR₉C(=X)R₇, -NR₉NHC(=X)-R₇, -NR₉-OR₁₀, -(CH₂)-NR₉-OR₁₀, -SR₉, -S(=O)R₁₁, -S(=O)₂R₁₁, aryl, heterocyclyl, aryloxy or heterocyclyoxy; wherein the aryl, heterocyclyl, aryloxy and

heterocyclyloxy radicals are unsubstituted or, depending upon the possibilities of substitution at the ring, mono- to penta-substituted by substituents selected from the group consisting of OH, halogen, CN, NO₂, SCN, -N₃, C₁-C₁₂alkyl, C₃-C₈cycloalkyl, C₁-C₁₂haloalkyl, C₁-C₁₂alkoxy, C₁-C₁₂haloalkoxy, C₁-C₁₂alkylthio, C₁-C₁₂haloalkylthio, C₁-C₆alkoxy-C₁-C₆alkyl, C₂-C₈alkenyl, C₂-C₆alkynyl, C₂-C₁₂haloalkenyl, C₂-C₁₂haloalkenyloxy, C₂-C₁₂haloalkynyl, C₃-C₁₂alkynyloxy, C₃-C₁₂haloalkynyloxy and phenoxy;

or, when p is 1, R₂ together with R₃ is a bond;

or R₂ together with R₄ is =O or =S;

or R₂ together with R₄ form with the carbon to which they are bound a three- to seven-membered ring, which may be monocyclic or bicyclic, and may be saturated or unsaturated, and that may contain one or two hetero atoms selected from the group consisting of N, O and S, and which is either unsubstituted or independently of one another mono- to pentasubstituted with substituents selected from OH, =O, SH, =S, halogen, CN, -N₃, SCN, NO₂, aryl, C₁-C₁₂alkyl, C₃-C₈cycloalkyl, C₁-C₁₂haloalkyl, C₁-C₁₂alkoxy, C₁-C₁₂haloalkoxy, C₁-C₁₂alkylthio, C₁-C₁₂haloalkylthio, C₁-C₆alkoxy-C₁-C₆alkyl, C₂-C₈alkenyl, C₂-C₈alkynyl, C₂-C₁₂haloalkenyl, C₂-C₁₂haloalkenyloxy, C₂-C₁₂haloalkynyl, C₃-C₁₂alkynyloxy, C₃-C₁₂haloalkynyloxy, phenoxy, phenyl-C₁-C₆alkyl, -N(R₉)₂ wherein the two R₉ are independent of each other, C₁-C₆alkylsulfinyl, C₃-C₈cycloalkylsulfinyl, C₁-C₆haloalkylsulfinyl, C₃-C₈halocycloalkylsulfinyl, C₁-C₆alkylsulfonyl, C₃-C₈cycloalkylsulfonyl, C₁-C₆haloalkylsulfonyl and C₃-C₈halocycloalkylsulfonyl; or

R₂ together with R₄ is =NN(R₁₂)₂, wherein the two substituents R₉ are independent of each other;

or, when p is 0, R₂ together with R₄ and R₆ is ≡N;

or when p is 0, R₂ together with R₆ is =NOR₁₂ or =NN(R₁₂)₂, wherein the two substituents R₉ are independent of each other;

R₃ is H, C₁-C₁₂-alkyl, halogen, halo-C₁-C₂alkyl, CN, -N₃, SCN, NO₂, C₃-C₈cycloalkyl unsubstituted or substituted by from one to three methyl groups, C₃-C₈halocycloalkyl, C₁-C₁₂alkoxy, C₁-C₆-alkoxy-C₁-C₆alkyl, C₁-C₆alkoxy-C₁-C₆alkoxy-C₁-C₆alkyl, C₃-C₈cycloalkoxy, C₁-C₁₂haloalkoxy, C₁-C₁₂alkylthio, C₃-C₈cycloalkylthio, C₁-C₁₂haloalkylthio, C₁-C₁₂alkylsulfinyl, C₃-C₈cycloalkylsulfinyl, C₁-C₁₂haloalkylsulfinyl, C₃-

C_8 halocycloalkylsulfinyl, C_1 - C_{12} alkylsulfonyl, C_3 - C_8 cycloalkylsulfonyl, C_1 - C_{12} haloalkylsulfonyl, C_3 - C_8 halocycloalkylsulfonyl, C_2 - C_8 alkenyl, C_2 - C_8 alkynyl, C_2 - C_{12} haloalkenyl, C_2 - C_{12} haloalkenyloxy, C_2 - C_{12} haloalkynyl, C_3 - C_{12} haloalkynylloxy, $-N(R_9)_2$, wherein the two substituents R_9 are independent of each other, aryl, heterocyclyl, aryloxy or heterocyclxyloxy; wherein the aryl, heterocyclyl, aryloxy and heterocyclxyloxy radicals are unsubstituted or, depending upon the possibilities of substitution at the ring, mono- to penta-substituted by substituents selected from the group consisting of halogen, CN, NO_2 , C_1 - C_{12} alkyl, C_3 - C_8 cycloalkyl, C_1 - C_{12} haloalkyl, C_1 - C_{12} alkoxy, C_1 - C_{12} haloalkoxy, C_1 - C_{12} alkylthio, C_1 - C_{12} haloalkylthio, C_1 - C_6 alkoxy- C_1 - C_6 alkyl, C_2 - C_8 alkenyl, C_2 - C_8 alkynyl, C_2 - C_{12} haloalkenyl, C_2 - C_{12} haloalkenyloxy, C_2 - C_{12} haloalkynyl and C_3 - C_{12} haloalkynylloxy;

or when p is 1, R_3 together with R_2 is a bond;

R_4 is H, C_1 - C_{12} -alkyl, C_1 - C_{12} -haloalkyl, C_1 - C_{12} -hydroxyalkyl, OH, halogen, NO_{12} , CN, C_3 - C_8 cycloalkyl unsubstituted or substituted by from one to three methyl groups, C_3 - C_8 haloalkyl, C_1 - C_{12} alkoxy, C_1 - C_6 alkoxy- C_1 - C_6 alkyl, C_1 - C_6 alkoxy- C_1 - C_6 alkoxy, C_1 - C_6 alkoxy- C_1 - C_6 alkoxy- C_1 - C_6 alkyl, C_2 - C_{12} alkenyl, C_2 - C_{12} haloalkenyl, C_2 - C_{12} haloalkenyloxy, C_2 - C_{12} alkynyl, C_2 - C_{12} haloalkynyl, C_3 - C_{12} haloalkynylloxy, $-P(=O)(OC_1-C_6alkyl)_2$, $-Si(C_1-C_6alkyl)_3$, $-(CH_2)-Si(C_1-C_6alkyl)_3$, $-Si(OC_1-C_6alkyl)_3$, $-N(R_9)_2$, $-(CH_2)-N(R_9)_2$, wherein the two substituent R_9 are independent of each other, $-C(=X)-R_7$, $-(CH_2)-C(=X)-R_7$, $-O-C(=X)-R_7$, $-(CH_2)-O-C(=X)-R_7$, $-S-C(=X)-R_7$, $-(CH_2)-S-C(=X)-R_7$, $-NR_9C(=X)R_7$, $-(CH_2)-NR_9C(=X)R_7$, $-NR_9NHC(=X)-R_7$, $-NR_9-OR_{10}$, $-(CH_2)-NR_9-OR_{10}$, $-SR_9$, $-S(=O)R_{11}$, $-S(=O)_2R_{11}$, aryl, heterocyclyl, aryloxy or heterocyclxyloxy; wherein the aryl, heterocyclyl, aryloxy and heterocyclxyloxy radicals are unsubstituted or, depending upon the possibilities of substitution at the ring, mono- to penta-substituted by substituents selected from the group consisting of OH, halogen, CN, NO_2 , C_1 - C_{12} alkyl, C_3 - C_8 cycloalkyl, C_1 - C_{12} haloalkyl, C_1 - C_{12} alkoxy, C_1 - C_{12} haloalkoxy, C_1 - C_{12} alkylthio, C_1 - C_{12} haloalkylthio, C_1 - C_6 alkoxy- C_1 - C_6 alkyl, C_2 - C_8 alkenyl, C_2 - C_8 alkynyl, C_2 - C_{12} haloalkenyl, C_2 - C_{12} haloalkenyloxy, C_2 - C_{12} haloalkynyl, C_3 - C_{12} haloalkynylloxy and phenoxy;

or R_4 together with R_2 forms =O or =S;

or when p is 1, R₄ together with R₅ is a bond;

or, when p is 0, together with R₂ and R₆ is $\equiv N$;

R₅ and R₆ independently of each other are H, C₁-C₁₂-alkyl, -N₃, CN, NO₂, OH, SH, halogen, halo-C₁-C₂alkyl, hydroxy-C₁-C₂alkyl, C₃-C₈cycloalkyl that is unsubstituted or substituted by from one to two methyl groups, C₃-C₈halocycloalkyl, C₁-C₁₂alkoxy, C₁-C₆alkoxy-C₁-C₆alkyl, C₁-C₆alkoxy-C₁-C₆alkoxy, C₁-C₆alkoxy-C₁-C₆alkoxy-C₁-C₆alkyl, C₃-C₈cycloalkoxy, C₁-C₁₂haloalkoxy, C₁-C₁₂haloalkylthio, C₂-C₈alkenyl, C₂-C₈alkynyl, C₂-C₁₂haloalkenyl, C₂-C₁₂haloalkenyloxy, C₂-C₁₂haloalkynyl, C₃-C₁₂haloalkynyloxy, -P(=O)(OC₁-C₆alkyl)₂, -CH₂-P(=O)(OC₁-C₆alkyl)₂, -Si(OC₁-C₆alkyl)₃, -N(R₉)₂, -O-N(R₉)₂, wherein the two substituents R₉ are independent of each other, -C(=X)-R₇, -CH=NOH, -CH=NOC₁-C₆alkyl, -O-C(=X)-R₇, -S-C(=X)-R₇, -NR₉C(=X)R₇, -NR₉NHC(=X)-R₇, -NR₉-OR₁₀, -SR₉, -S(=O)R₁₁, -S(=O)₂R₁₁, -CH₂-S(=O)₂R₁₁, aryl, aryloxy, benzyloxy, -NR₉-aryl, heterocyclyl, heterocyclyloxy, -NR₉-heterocyclyl, -CH₂-aryl, -CH₂-O-aryl, -CH₂-NR₉-aryl, -CH₂-NR₉-C₁-C₂alkyl, -CH₂-heterocyclyl, -CH₂-O-heterocyclyl and -CH₂-NR₉-heterocyclyl; wherein the aryl, aryloxy, benzyloxy, -NR₉-aryl, heterocyclyl, heterocyclyloxy and -NR₉-heterocyclyl radicals are unsubstituted or, depending upon the possibilities of substitution at the ring, mono- to penta-substituted by substituents selected from the group consisting of OH, =O, SH, =S, halogen, CN, NO₂, C₁-C₁₂alkyl, C₃-C₈cycloalkyl, C₁-C₁₂haloalkyl, C₁-C₁₂alkoxy, C₁-C₁₂haloalkoxy, C₁-C₁₂alkylthio, C₁-C₁₂haloalkylthio, C₁-C₆alkoxy-C₁-C₆alkyl, C₂-C₈alkenyl, C₂-C₈alkynyl, C₂-C₁₂haloalkenyl, C₂-C₁₂haloalkenyloxy, C₂-C₁₂haloalkynyl, C₃-C₁₂haloalkynyloxy, phenoxy, methylenedioxy, NH₂, NH(C₁-C₁₂alkyl), N(C₁-C₁₂alkyl)₂ and C₁-C₆alkylsulfinyl; or

R₅ and R₆ are, together with the carbon atom to which they are bound, a five- to seven-membered ring, which may be saturated or unsaturated, and which may contain one or two members selected from the group consisting of O, NR₈ and S; and which is optionally substituted with one to three substituents selected from C₁-C₁₂-alkyl, CN, NO₂, OH, halogen, halo-C₁-C₂alkyl, C₃-C₈cycloalkyl, C₃-C₈halocycloalkyl, C₁-C₁₂alkoxy, C₁-C₆alkoxy-C₁-C₆alkyl, C₁-C₆alkoxy-C₁-C₆alkoxy-C₁-C₆alkyl, C₃-C₈cycloalkoxy, C₁-C₁₂haloalkoxy, C₁-C₁₂alkylthio, C₃-

C₈cycloalkylthio, C₁-C₁₂haloalkylthio, C₂-C₁₂alkenyl, C₂-C₁₂haloalkenyl, C₂-C₁₂haloalkenylloxy, C₂-C₁₂alkynyl, C₂-C₁₂haloalkynyl and C₃-C₁₂haloalkynylloxy;

or when p is 1, R₅ together with R₄ is a bond;

or, when p is 0, R₆ together with R₂ and R₄ is \equiv N;

R₇ is H, OH, C₁-C₁₂alkyl, C₁-C₁₂haloalkyl, C₂-C₁₂alkenyl, C₂-C₁₂alkynyl, C₂-C₁₂haloalkenylloxy, C₂-C₁₂haloalkynyl, C₃-C₁₂haloalkynylloxy, C₁-C₁₂alkoxy, C₁-C₁₂haloalkoxy, C₁-C₆alkoxy-C₁-C₆alkyl, C₁-C₆alkoxy-C₁-C₆alkoxy, C₂-C₈alkenylloxy, C₃-C₈alkinylloxy, --N(R₈)₂ wherein the two R₈ are independent of each other, aryl, aryloxy, benzyloxy, heterocyclyl, heterocyclxyloxy or heterocyclylmethoxy; and wherein the aryl, aryloxy, benzyloxy, heterocyclyl and heterocyclxyloxy radicals are unsubstituted or, depending upon the possibilities of substitution at the ring, mono- to penta-substituted by substituents selected from the group consisting of halogen, CN, NO₂, C₁-C₁₂alkyl, C₃-C₈cycloalkyl, C₁-C₁₂haloalkyl, C₁-C₁₂alkoxy, C₁-C₁₂haloalkoxy, C₁-C₁₂alkylthio, C₁-C₁₂haloalkylthio, C₁-C₆alkoxy-C₁-C₆alkyl, C₂-C₈alkenyl, C₂-C₁₂haloalkenyl, C₂-C₁₂haloalkenylloxy, C₂-C₈alkynyl, C₂-C₁₂haloalkynyl and C₃-C₁₂haloalkynylloxy;

R₈ is H, C₁-C₆alkyl that is optionally substituted with one to five substituents selected from the group consisting of halogen, C₁-C₆alkoxy, C₁-C₆alkoxy-C₁-C₆alkoxy, C₂-C₁₂alkenyl, C₂-C₁₂haloalkenyl, C₂-C₁₂haloalkenylloxy, C₂-C₁₂alkynyl, C₂-C₁₂haloalkynyl, C₃-C₁₂haloalkynylloxy, hydroxy and cyano, C₃-C₈-cycloalkyl, aryl, benzyl or heteroaryl; wherein the aryl, benzyl and heteroaryl radicals are unsubstituted or, depending on the possibilities of substitution on the ring, mono- to trisubstituted by substituents selected from the group consisting of OH, halogen, CN, NO₂, C₁-C₁₂alkyl, C₁-C₁₂haloalkyl, C₁-C₁₂alkoxy, C₁-C₁₂haloalkoxy, C₁-C₁₂alkylthio, C₂-C₁₂alkenyl, C₂-C₁₂haloalkenyl, C₂-C₁₂haloalkenylloxy, C₂-C₁₂alkynyl, C₂-C₁₂haloalkynyl, C₃-C₁₂haloalkynylloxy, and C₁-C₁₂haloalkylthio;

R₉ is H, C₁-C₆alkyl, C₁-C₆cycloalkyl, C₁-C₆alkoxy-C₁-C₆alkyl, C₁-C₆alkoxy-C₁-C₆alkoxy-C₂-C₆alkyl, C₂-C₁₂alkenyl, C₂-C₁₂alkynyl, benzyl, aryl or heteroaryl;

R_{10} H, C_1 - C_6 alkyl that is optionally substituted with one to five substituents selected from the group consisting of halogen, C_1 - C_6 alkoxy, NO_2 , hydroxy and cyano, C_1 - C_{12} haloalkyl, C_2 - C_{12} alkenyl, C_2 - C_{12} haloalkynyl, C_2 - C_{12} haloalkenyl, C_2 - C_{12} alkynyl, C_3 - C_8 -cycloalkyl, aryl, benzyl or heteroaryl; wherein the aryl, benzyl and heteroaryl radicals are unsubstituted or, depending on the possibilities of substitution on the ring, mono- to trisubstituted by substituents selected from the group consisting of OH, halogen, CN, NO_2 , C_1 - C_{12} alkyl, C_1 - C_{12} haloalkyl, C_1 - C_6 alkoxy, C_1 - C_{12} haloalkoxy, C_1 - C_{12} alkylthio, C_1 - C_{12} haloalkylthio, C_2 - C_{12} alkenyl, C_2 - C_{12} haloalkenyl, C_2 - C_{12} haloalkenyloxy, C_2 - C_{12} alkynyl, C_3 - C_{12} haloalkynyl and C_3 - C_{12} haloalkynyloxy;

R_{11} is H, C_1 - C_6 alkyl that is optionally substituted with one to five substituents selected from the group consisting of halogen, C_1 - C_6 alkoxy, hydroxy and cyano, $-N(R_9)_2$ wherein the two substituents R_9 are independent of each other, C_3 - C_8 cycloalkyl, C_3 - C_8 halocycloalkyl, C_2 - C_{12} alkenyl, C_2 - C_{12} haloalkenyl, C_2 - C_{12} haloalkenyloxy, C_2 - C_{12} alkynyl, C_3 - C_{12} haloalkynyl, C_3 - C_{12} haloalkynyloxy, aryl, benzyl or heteroaryl; wherein the aryl, benzyl and heteroaryl radicals are unsubstituted or, depending on the possibilities of substitution on the ring, mono- to trisubstituted by substituents selected from the group consisting of OH, halogen, CN, NO_2 , C_1 - C_{12} alkyl, C_1 - C_{12} haloalkyl, C_1 - C_6 alkoxy, C_1 - C_{12} haloalkoxy, C_1 - C_{12} alkylthio, C_1 - C_{12} haloalkylthio, C_2 - C_{12} alkenyl, C_2 - C_{12} haloalkenyl, C_2 - C_{12} haloalkenyloxy, C_2 - C_{12} alkynyl, C_3 - C_{12} haloalkynyl and C_3 - C_{12} haloalkynyloxy;

R_{12} is H, C_1 - C_6 alkyl, C_1 - C_6 cycloalkyl, C_1 - C_6 alkoxy- C_1 - C_6 alkyl, C_1 - C_6 alkoxy- C_1 - C_6 alkoxy- C_1 - C_6 alkyl, C_2 - C_{12} alkenyl, C_2 - C_{12} alkynyl, $-C(=O)C_1$ - C_6 alkyl, $-C(=O)OC_1$ - C_6 alkyl, $--SO_2C_1$ -alkyl, benzyl, aryl, heteroaryl;

X is O or S;

or, if appropriate, an E/Z isomer, E/Z isomer mixture and/or tautomer thereof, in each case in free form or in salt form;

~~with the proviso, that the group $R_6-C(R_2)(R_5)_{1_p}-C(R_2)(R_4)-[CH_2]_m$, which is attached to the ϵ position of the compound of the formula (1), is not $NC-CH_2$ or $HOOC-CH_2$ when m is 1 and the bond between atoms 22 and 23 is a single bond.~~

2. (Previously Presented): A pesticide composition which contains at least one compound of the formula (I) as described in claim 1 as active compound and at least one auxiliary.

3. (Previously Presented): A method for controlling pests comprising applying a composition as described in claim 2 to the pests or their habitat.

4. (Previously Presented): A process for preparing a composition as described in claim 2 comprising intimately mixing and/or grinding the active compound with at least one auxiliary.

5. (Canceled)

6. (Canceled)

7. (Previously Presented): A method for protecting plant propagation material, wherein the propagation material or the location where the propagation material is planted is treated, comprising applying a composition as described in claim 2.

8. (Previously Presented): Plant propagation material treated in accordance with the method described in claim 7.

9. (Currently Amended): The compound of claim 1, wherein
 R_1 is C_1-C_6 -alkyl, C_5-C_6 -cycloalkyl or C_2-C_6 -alkenyl;

R_2 is H, C_1-C_6 -alkyl, C_1-C_6 -haloalkyl, C_1-C_6 -hydroxyalkyl, OH, halogen, $-N_3$, SCN, NO_2 , CN, C_5-C_6 cycloalkyl unsubstituted or substituted by from one to three methyl groups, C_3-C_8 halo-cycloalkyl, C_1-C_6 alkoxy, C_1-C_6 alkoxy- C_1-C_6 alkyl, C_1-C_6 alkoxy- C_1-C_6 alkoxy, C_1-C_6 alkoxy- C_1-C_6 alkoxy.

C_6 alkoxy- C_1 - C_6 alkyl, C_2 - C_6 alkenyl, C_2 - C_6 haloalkenyl, C_2 - C_6 haloalkenyloxy, C_2 - C_6 alkynyl, C_2 - C_6 haloalkynyl, C_3 - C_6 alkynyloxy, C_3 - C_6 haloalkynyloxy, $-(CH_2)-N(R_9)_2$, wherein the two substituents R_9 are independent of each other, $-C(=X)-R_7$, $-(CH_2)-C(=X)-R_7$, $-O-C(=X)-R_7$, $-(CH_2)-O-C(=X)-R_7$, $-S-C(=X)-R_7$, $-(CH_2)-S-C(=X)-R_7$, $-NR_9C(=X)R_7$, $-(CH_2)-NR_9C(=X)R_7$, $-NR_9NHC(=X)-R_7$, $-NR_9-OR_{10}$, $-(CH_2)-NR_9-OR_{10}$, $-SR_9$, $-S(=O)R_{11}$, $-S(=O)_2R_{11}$,

or, when p is 1, R_2 together with R_3 is a bond;

or R_2 together with R_4 is $=O$ or $=S$; or

R_2 together with R_4 is $=NN(R_{12})_2$, wherein the two substituents R_9 are independent of each other;

or, when p is 0, R_2 together with R_4 and R_6 is $\equiv N$;

or when p is 0, R_2 together with R_6 is $=NOR_{12}$ or $=NN(R_{12})_2$, wherein the two substituents R_9 are independent of each other;

R_3 is H , C_1 - C_6 -alkyl, halogen, halo- C_1 - C_2 alkyl,

or when p is 1, R_3 together with R_2 is a bond;

R_4 is H , C_1 - C_6 -alkyl, C_1 - C_6 -haloalkyl, C_1 - C_6 -hydroxyalkyl, OH , halogen, NO_{12} , CN , C_3 - C_8 cycloalkyl unsubstituted or substituted by from one to three methyl groups, C_3 - C_8 halo-cycloalkyl, C_1 - C_6 alkoxy, C_1 - C_6 alkoxy- C_1 - C_6 alkyl, C_1 - C_6 alkoxy- C_1 - C_6 alkoxy, C_1 - C_6 alkoxy- C_1 - C_6 alkoxy- C_1 - C_6 alkyl, C_2 - C_6 alkenyl, C_2 - C_6 haloalkenyl, C_2 - C_6 haloalkenyloxy, C_2 - C_6 alkynyl, C_2 - C_6 haloalkynyl, C_3 - C_6 haloalkynyloxy, $-N(R_9)_2$, $-(CH_2)-N(R_9)_2$, wherein the two substituent R_9 are independent of each other, $-C(=X)-R_7$, $-(CH_2)-C(=X)-R_7$, $-O-C(=X)-R_7$, $-(CH_2)-O-C(=X)-R_7$, $-S-C(=X)-R_7$, $-(CH_2)-S-C(=X)-R_7$, $-NR_9C(=X)R_7$, $-(CH_2)-NR_9C(=X)R_7$, $-NR_9NHC(=X)-R_7$, $-NR_9-OR_{10}$, $-(CH_2)-NR_9-OR_{10}$, $-SR_9$, $-S(=O)R_{11}$, $-S(=O)_2R_{11}$,

or R_4 together with R_2 forms $=O$ or $=S$;

or when p is 1, R_4 together with R_5 is a bond;

or, when p is 0, together with R_2 and R_6 is $\equiv N$;

R_5 and R_6 independently of each other are H, C_1 - C_6 -alkyl, $-N_3$, CN, NO_2 , OH, SH, halogen, halo- C_1 - C_2 alkyl, hydroxy- C_1 - C_2 alkyl, C_3 - C_8 cycloalkyl that is unsubstituted or substituted by from one to two methyl groups, C_3 - C_8 halocycloalkyl, C_1 - C_{12} alkoxy, C_1 - C_6 alkoxy- C_1 - C_6 alkyl, C_1 - C_6 alkoxy- C_1 - C_6 alkoxy, C_1 - C_6 alkoxy- C_1 - C_6 alkoxy- C_1 - C_6 alkyl, C_3 - C_8 cycloalkoxy, C_1 - C_{12} haloalkoxy, C_1 - C_6 haloalkylthio, C_2 - C_8 alkenyl, C_2 - C_8 alkynyl, C_2 - C_6 haloalkenyl, C_2 - C_6 haloalkenyl, C_2 - C_6 haloalkynyl, C_3 - C_6 haloalkynyl, $-P(=O)(OC_1-C_6alkyl)_2$, $-CH_2-P(=O)(OC_1-C_6alkyl)_2$, $-Si(OC_1-C_6alkyl)_3$, $-N(R_9)_2$, $-O-N(R_9)_2$, wherein the two substituents R_9 are independent of each other, $-C(=X)-R_7$, $-CH=NOH$, $-CH=NOC_1-C_6alkyl$, $-O-C(=X)-R_7$, $-S-C(=X)-R_7$, $-NR_9C(=X)R_7$, $-NR_9NHC(=X)-R_7$, $-NR_9-OR_{10}$, $-SR_9$, $-S(=O)R_{11}$, $-S(=O)_2R_{11}$, $-CH_2-S(=O)_2R_{11}$, aryl, aryloxy, benzyloxy, $-NR_9$ -aryl, heterocyclyl, heterocyclyloxy, $-NR_9$ -heterocyclyl, $-CH_2$ -aryl, $-CH_2-O$ -aryl, $-CH_2-NR_9$ -aryl, $-CH_2-NR_9-C_1-C_2$ alkyl, $-CH_2$ -heterocyclyl, $-CH_2-O$ -heterocyclyl and $-CH_2-NR_9$ -heterocyclyl; wherein the aryl, aryloxy, benzyloxy, $-NR_9$ -aryl, heterocyclyl, heterocyclyloxy and $-NR_9$ -heterocyclyl radicals are unsubstituted or, depending upon the possibilities of substitution at the ring, mono- to penta-substituted by substituents selected from the group consisting of OH, $=O$, SH, $=S$, halogen, CN, NO_2 , C_1 - C_6 alkyl, C_3 - C_8 cycloalkyl, C_1 - C_6 haloalkyl, C_1 - C_6 alkoxy, C_1 - C_6 haloalkoxy, C_1 - C_6 alkylthio, C_1 - C_6 haloalkylthio, C_1 - C_6 alkoxy- C_1 - C_6 alkyl, C_2 - C_8 alkenyl, C_2 - C_8 alkynyl, C_2 - C_6 haloalkenyl, C_2 - C_6 haloalkenyl, C_2 - C_6 haloalkynyl, C_3 - C_6 haloalkynyl, C_3 - C_6 haloalkynyl, phenoxy, methylenedioxy, NH_2 , $NH(C_1-C_6alkyl)$, $N(C_1-C_6alkyl)_2$ and $C_1-C_6alkylsulfinyl$; or

when p is 0, R_6 together with R_2 and R_4 is $\equiv N$;

R_7 is H, OH, C_1 - C_6 alkyl, C_1 - C_6 haloalkyl, C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_2 - C_6 haloalkenyl, C_2 - C_6 haloalkynyl, C_3 - C_6 haloalkynyl, C_1 - C_6 alkoxy, C_1 - C_6 haloalkoxy, C_1 - C_6 alkoxy- C_1 - C_6 alkyl, C_1 - C_6 alkoxy- C_1 - C_6 alkoxy, C_2 - C_8 alkenyl, C_3 - C_8 alkenyl, $-N(R_8)_2$ wherein the two R_8 are independent of each other, aryl, aryloxy, benzyloxy, heterocyclyl, heterocyclyloxy or heterocyclmethoxy; and wherein the aryl, aryloxy, benzyloxy, heterocyclyl and heterocyclyloxy radicals are unsubstituted or, depending upon the possibilities of substitution at the ring, mono- to penta-substituted by substituents selected from the group consisting of halogen, CN, NO_2 , C_1 - C_6 alkyl, C_3 - C_8 cycloalkyl, C_1 - C_6 haloalkyl, C_1 - C_6 alkoxy, C_1 -

C₆haloalkoxy, C₁-C₆alkylthio, C₁-C₆haloalkylthio, C₁-C₆alkoxy-C₁-C₆alkyl, C₂-C₈alkenyl, C₂-C₆haloalkenyl, C₂-C₆haloalkenyloxy, C₂-C₈alkynyl, C₂-C₆haloalkynyl and C₃-C₆haloalkynyloxy;

R₈ is H, C₁-C₆alkyl that is optionally substituted with one to five substituents selected from the group consisting of halogen, C₁-C₆alkoxy, C₁-C₆alkoxy-C₁-C₆alkoxy, C₂-C₆alkenyl, C₂-C₆haloalkenyl, C₂-C₆haloalkenyloxy, C₂-C₆alkynyl, C₂-C₆haloalkynyl, C₃-C₆haloalkynyloxy, hydroxy and cyano, C₃-C₈-cycloalkyl, aryl, benzyl or heteroaryl; wherein the aryl, benzyl and heteroaryl radicals are unsubstituted or, depending on the possibilities of substitution on the ring, mono- to trisubstituted by substituents selected from the group consisting of OH, halogen, CN, NO₂, C₁-C₆alkyl, C₁-C₆haloalkyl, C₁-C₆alkoxy, C₁-C₆haloalkoxy, C₁-C₆alkylthio, C₂-C₆alkenyl, C₂-C₆haloalkenyl, C₂-C₆haloalkenyloxy, C₂-C₆alkynyl, C₂-C₆haloalkynyl, C₃-C₆haloalkynyloxy, and C₁-C₆haloalkylthio;

R₉ is H, C₁-C₆alkyl, C₁-C₆cycloalkyl, C₁-C₆alkoxy-C₁-C₆alkyl, C₁-C₆alkoxy-C₁-C₆alkoxy-C₂-C₆alkyl, C₂-C₆alkenyl, C₂-C₆alkynyl, benzyl, aryl or heteroaryl;

R₁₀ H, C₁-C₆alkyl that is optionally substituted with one to five substituents selected from the group consisting of halogen, C₁-C₆alkoxy, NO₂, hydroxy and cyano, C₁-C₆haloalkyl, C₂-C₆alkenyl, C₂-C₆haloalkynyl, C₂-C₆haloalkenyl, C₂-C₆alkynyl, C₃-C₈-cycloalkyl, aryl, benzyl or heteroaryl; wherein the aryl, benzyl and heteroaryl radicals are unsubstituted or, depending on the possibilities of substitution on the ring, mono- to trisubstituted by substituents selected from the group consisting of OH, halogen, CN, NO₂, C₁-C₆alkyl, C₁-C₆haloalkyl, C₁-C₆alkoxy, C₁-C₆haloalkoxy, C₁-C₆alkylthio, C₁-C₆haloalkylthio, C₂-C₆alkenyl, C₂-C₆haloalkenyl, C₂-C₆haloalkenyloxy, C₂-C₆alkynyl, C₃-C₆haloalkynyl and C₃-C₆haloalkynyloxy;

R₁₁ is H, C₁-C₆alkyl that is optionally substituted with one to five substituents selected from the group consisting of halogen, C₁-C₆alkoxy, hydroxy and cyano, -N(R₉)₂ wherein the two substituents R₉ are independent of each other, C₃-C₈cycloalkyl, C₃-C₈halocycloalkyl, C₂-C₆alkenyl, C₂-C₆haloalkenyl, C₂-C₆haloalkenyloxy, C₂-C₆alkynyl, C₃-C₆haloalkynyl, C₃-C₆haloalkynyloxy, aryl, benzyl or heteroaryl; wherein the aryl, benzyl and heteroaryl radicals are unsubstituted or, depending on the possibilities of substitution on the ring, mono- to

trisubstituted by substituents selected from the group consisting of OH, halogen, CN, NO₂, C₁-C₆alkyl, C₁-C₆haloalkyl, C₁-C₆alkoxy, C₁-C₆haloalkoxy, C₁-C₆alkylthio, C₁-C₆haloalkylthio, C₂-C₆alkenyl, C₂-C₆haloalkenyl, C₂-C₆haloalkenyloxy, C₂-C₆alkynyl, C₂-C₆haloalkynyl and C₃-C₆haloalkynyloxy;

R₁₂ is H, C₁-C₆alkyl, C₁-C₆cycloalkyl, C₁-C₆alkoxy-C₁-C₆alkyl, C₁-C₆alkoxy-C₁-C₆alkoxy-C₁-C₆alkyl, C₂-C₁₂alkenyl, C₂-C₁₂alkynyl, -C(=O)C₁-C₆alkyl, -C(=O)OC₁-C₆alkyl, --SO₂C₁-alkyl, benzyl, aryl, heteroaryl;

X is O or S;

or, if appropriate, an E/Z isomer, E/Z isomer mixture and/or tautomer thereof, in each case in free form or in salt form;

~~with the proviso, that the group R₆ [C(R₂)(R₅)]_p C(R₂)(R₄) [CH₂]_n, which is attached to the c position of the compound of the formula (1), is not NC-CH₂ or HOOC-CH₂ when m is 1 and the bond between atoms 22 and 23 is a single bond.~~

10. (Currently Amended) The compound of claim 9, wherein

n = 1;

p = 1;

~~m = 0;~~

R₂ is H or OH;

R₃ is H, C₁-C₆-alkyl, or halo-C₁-C₂alkyl;

R₄ is H;

R₅ is H or C₁-C₆-alkyl; and

R₆ is H, C₁-C₆-alkyl, -N₃, OH, halogen, halo-C₁-C₂alkyl, N(R₉)₂, -O-N(R₉)₂, wherein the two substituents R₉ are independent of each other, -C(=X)-R₇, -O-C(=X)-R₇, -S-C(=X)-R₇, -NR₉C(=X)R₇, -NR₉NHC(=X)-R₇, -NR₉-OR₁₀, -SR₉, -S(=O)R₁₁, or -S(=O)₂R₁₁.

11. (Canceled)

12. (Canceled)

13. (Currently Amended) The compound of claim 9, wherein

$n = 1$;

$p = 0$;

~~$m = 0$~~ ; and

R_2 is H, C_1 - C_6 -alkyl, C_1 - C_6 -haloalkyl, C_1 - C_6 -hydroxyalkyl, or $-C(=X)-R_7$,

R_4 is H, C_1 - C_6 -alkyl, C_1 - C_6 -haloalkyl, C_1 - C_6 -hydroxyalkyl, or $-C(=X)-R_7$,

R_7 is H, OH, or C_1 - C_6 alkoxy;

X is O; and

R_6 is H, C_1 - C_6 -alkyl, $-N_3$, CN, NO_2 , OH, SH, halogen, halo- C_1 - C_2 alkyl, hydroxy- C_1 - C_2 alkyl, C_1 - C_{12} alkoxy, C_1 - C_6 alkoxy- C_1 - C_6 alkyl, C_1 - C_6 alkoxy- C_1 - C_6 alkoxy, C_1 - C_6 alkoxy- C_1 - C_6 alkoxy- C_1 - C_6 alkyl, C_1 - C_6 haloalkoxy, C_1 - C_6 haloalkylthio, $N(R_9)_2$, $-O-N(R_9)_2$, wherein the two substituents R_9 are independent of each other, $-C(=X)-R_7$, $-CH=NOH$, $-CH=NOC_1-C_6$ alkyl, $-O-C(=X)-R_7$, $-S-C(=X)-R_7$, $-NR_9C(=X)R_7$, $-NR_9NHC(=X)-R_7$, $-NR_9-OR_{10}$, $-SR_9$, $-S(=O)R_{11}$, $-S(=O)_2R_{11}$, $-CH_2-S(=O)_2R_{11}$, aryl, aryloxy, benzyloxy, $-NR_9$ -aryl, $-CH_2$ -aryl, $-CH_2-O$ -aryl, $-CH_2-NR_9$ -aryl, or $-CH_2-NR_9-C_1$ - C_2 alkyl.

14. (Canceled)

15. (Currently Amended) The compound of claim 9, wherein

$n = 0$;

$p = 0$;

~~$m = 0$~~ ;

R_2 is H, C_1 - C_6 -alkyl, C_1 - C_6 -haloalkyl, C_1 - C_6 -hydroxyalkyl, or $-C(=X)-R_7$,

R_4 is H, C_1 - C_6 -alkyl, C_1 - C_6 -haloalkyl, C_1 - C_6 -hydroxyalkyl, or $-C(=X)-R_7$,

R_7 is H, OH, or C_1 - C_6 alkoxy;

X is O; and

R_6 is H, C_1 - C_6 -alkyl, $-N_3$, CN, NO_2 , OH, SH, halogen, halo- C_1 - C_2 alkyl, hydroxy- C_1 - C_2 alkyl, C_1 - C_{12} alkoxy, C_1 - C_6 alkoxy- C_1 - C_6 alkyl, C_1 - C_6 alkoxy- C_1 - C_6 alkoxy, C_1 - C_6 alkoxy- C_1 - C_6 alkoxy-

C_1-C_6 alkyl, C_1-C_6 haloalkoxy, C_1-C_6 haloalkylthio, $N(R_9)_2$, $-O-N(R_9)_2$, wherein the two substituents R_9 are independent of each other, $-C(=X)-R_7$, $-CH=NOH$, $-CH=NOC_1-C_6$ alkyl, $-O-C(=X)-R_7$, $-S-C(=X)-R_7$, $-NR_9C(=X)R_7$, $-NR_9NHC(=X)-R_7$, $-NR_9-OR_{10}$, $-SR_9$, $-S(=O)R_{11}$, $-S(=O)_2R_{11}$, $-CH_2-S(=O)_2R_{11}$, aryl, aryloxy, benzyloxy, $-NR_9$ -aryl, $-CH_2$ -aryl, $-CH_2-O$ -aryl, $-CH_2-NR_9$ -aryl, or $-CH_2-NR_9-C_1-C_2$ alkyl.

16. (Previously Presented) The compound of claim 9, wherein

$p = 0$;

R_2 together with R_4 is $=O$;

R_6 is H, C_1-C_6 -alkyl, CN, OH, F, Cl, halo- C_1-C_2 alkyl, hydroxy- C_1-C_2 alkyl, C_1-C_6 alkoxy, C_1-C_6 alkoxy- C_1-C_6 alkyl, C_1-C_6 alkoxy- C_1-C_6 alkoxy, C_1-C_{12} haloalkoxy, C_1-C_{12} haloalkylthio, C_2-C_8 alkenyl, C_2-C_{12} haloalkenyl, $-N(R_9)_2$ wherein the two substituents R_9 are independent of each other, pyrrolidinyl, morpholinyl, aryl, aryloxy, or benzyloxy; and

R_9 is H or C_1-C_6 alkyl.

17. (Currently Amended) The compound of claim 9, wherein

$n = 1$;

$p = 1$;

~~$m = 0$~~ ;

R_2 together with R_3 is a bond;

R_4 is H or C_1-C_6 alkyl;

R_5 is H, F, Cl, Br or C_1-C_6 alkyl;

R_6 is H, C_1-C_6 -alkyl, CN, OH, F, Cl, Br, halo- C_1-C_2 alkyl, hydroxy- C_1-C_2 alkyl, C_3-C_8 halocycloalkyl, C_1-C_{12} alkoxy, C_1-C_6 alkoxy- C_1-C_6 alkyl, C_1-C_6 alkoxy- C_1-C_6 alkoxy, C_1-C_6 alkoxy- C_1-C_6 alkoxy- C_1-C_6 alkyl, C_3-C_8 cycloalkoxy, C_1-C_6 haloalkoxy, C_1-C_6 haloalkylthio, $-P(=O)(OC_1-C_6alkyl)_2$, $-CH_2-P(=O)(OC_1-C_6alkyl)_2$, $-Si(OC_1-C_6alkyl)_3$, $-C(=X)-R_7$, $-SR_9$, $-S(=O)R_{11}$, $-S(=O)_2R_{11}$, $-CH_2-S(=O)_2R_{11}$, aryl, aryloxy, benzyloxy, thiophenyl, pyridyl, or $-CH_2-NR_9-C_1-C_2$ alkyl; and

R_7 is H, OH, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_1-C_{12} alkoxy, C_1-C_6 haloalkoxy, C_1-C_6 alkoxy- C_1-C_6 alkyl, C_1-C_6 alkoxy- C_1-C_6 alkoxy, aryl, furanylmethoxy, or 1,3,2-dioxaborolyl; and wherein the aryl, furanylmethoxy, 1,3,2-dioxaborolyl are unsubstituted or depending

upon the possibilities of substitution at the ring, mono- to penta-substituted by substituents selected from the group consisting of halogen and C₁-C₆alkyl.

18. (Currently Amended) The compound of claim 9, wherein

n = 1;

p = 1;

~~m = 1;~~

R₂ together with R₃ is a bond;

R₄ is H or C₁-C₆ alkyl;

R₅ is H, F, Cl, Br or C₁-C₆ alkyl;

R₆ is H, C₁-C₆-alkyl, CN, OH, F, Cl, Br, halo-C₁-C₂alkyl, hydroxy-C₁-C₂alkyl, C₃-C₈halocycloalkyl, C₁-C₁₂alkoxy, C₁-C₆alkoxy-C₁-C₆alkyl, C₁-C₆alkoxy-C₁-C₆alkoxy, C₁-C₆alkoxy-C₁-C₆alkoxy-C₁-C₆alkyl, C₃-C₈cycloalkoxy, C₁-C₆haloalkoxy, C₁-C₆haloalkylthio, -P(=O)(OC₁-C₆alkyl)₂, -CH₂-P(=O)(OC₁-C₆alkyl)₂, -Si(OC₁-C₆alkyl)₃, -C(=X)-R₇, -S(=O)R₁₁, -S(=O)₂R₁₁, -CH₂-S(=O)₂R₁₁, aryl, aryloxy, benzyloxy, thiophenyl, pyridyl, or -CH₂-NR₉-C₁-C₂alkyl; and

R₇ is H, OH, C₁-C₆alkyl, C₁-C₆haloalkyl, C₁-C₁₂alkoxy, C₁-C₆haloalkoxy, C₁-C₆alkoxy-C₁-C₆alkyl, C₁-C₆alkoxy-C₁-C₆alkoxy, aryl, furanylmethoxy, 1,3,2-dioxaborolyl; and wherein the aryl, furanylmethoxy, or 1,3,2-dioxaborolyl are unsubstituted or depending upon the possibilities of substitution at the ring, mono- to penta-substituted by substituents selected from the group consisting of halogen and C₁-C₆alkyl.

19. (Currently Amended) The compound of claim 9, wherein

~~m~~ is 0 or 1;

n is 0 or 1;

p is 0;

R₁ is sec-butyl or isopropyl;

R₂ and R₄ is H;

R₆ is hydroxy; and

the bond between atoms 22 and 23 is a double bond.

20. (Currently Amended) The compound of claim 9, wherein

~~m~~ is 0 or 1;

n is 1;

p is 1 and R₂ together with R₃ is a bond;

R₁ is sec-butyl or isopropyl;

R₄, R₅ and R₆ are H;

the bond between atoms 22 and 23 is a double bond.